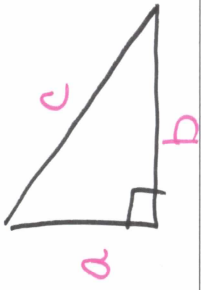
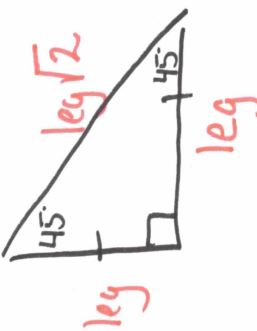

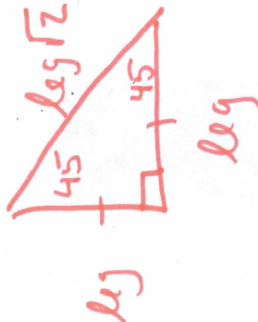
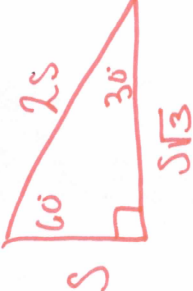


GEOMETRY UNIT 8 - WHAT DO I USE TO SOLVE THIS PROBLEM???

WHAT ARE YOU GIVEN?	WHAT ARE YOU SOLVING FOR?	HOW DO YOU SOLVE IT?
2 sides of a right Δ	The third SIDE	<p>* Pythagorean Theorem *</p> $a^2 + b^2 = c^2$ <p>"c" is the hypotenuse</p> 
A special right Δ (45-45-90 or 30-60-90) and 1 side	The other two SIDES	 
1 side and 1 angle	Another SIDE	<p>* Use trig * SOH CAH TOA</p> <ul style="list-style-type: none"> - label - set up trig ratio - cross multiply to get variable by itself - put in calculator
2 sides	An ANGLE	<p>* Use inverse trig *</p> <ul style="list-style-type: none"> - label - set up trig equation - use inverse trig to get variable by itself - Put in calculator

Given	What are solving	How?
③ 2 sides	The third side	Pythagorean Theorem $a^2 + b^2 = c^2$
③ Special Right Δ (30-60-90 or 45-45-90) and 1 side	The other 2 sides	 

Given	What are you solving for	How do you solve?
① 1 side + 1 angle	Another side	<ul style="list-style-type: none"> - Label - set up trig ratio - cross multiply - calculator
② 2 sides	Angle	<ul style="list-style-type: none"> - Label - Set up trig ratio - Inverse trig to get variable by itself - Calculator